

Static Analysis Is Not Just for Finding Bugs

Dr. Yannick Moy. Static analysis tools are gaining popularity for safeguarding against the most common causes of errors in software. The main focus of these tools is on automatic bug-finding—the first stage in a two-phase process where the tool finds bugs and the human then corrects them. This article explains that such a goal is too narrow for critical software assurance (SwA). Instead, static analysis tools should adopt a broader perspective: computing properties of software.

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1. <https://buildsecurityin.us-cert.gov/adm-bsi/1185-BSI.html>